

# Cretaceous And Cenozoic Geology Of The Chatham Rise Region, South Island, New Zealand

by R. A Wood ; P. B Andrews ; R. H Herzer; Richard A Cook

New Zealand Journal of Geology and Geophysics - Google Books Result The early Middle Miocene paleoenvironmental setting of New Zealand The structure maps cover the period from the late Early Cretaceous to the . Cenozoic geology of the Chatham Rise region, South Island, New Zealand. New Zealand Cretaceous-Cainozoic Time Slice Structure Maps . Cretaceous and cenozoic geology of the Chatham Rise region, South Island, New Zealand / by R.A. Wood, P.B. Andrews and R.H. Herzer (chief authors, Full Text - Journal of Petrology - Oxford Journals NZ Monograph Series / Products / Oil and Gas / Energy & Resources . 2 Genesis of the Chatham Rise Deposit - Environmental Protection . Figure 4: Mid-Cretaceous Wishbone Scarp in relation to the Chatham Rise. Note yellow is Figure 8: Evolution of ocean fronts in Cenozoic time. . Plateau in offshore South Africa and New Zealand) are almost exclusively associated phosphorite deposits in some of these regions; in particular, western South Africa and. Cretaceous Deformation of South-Eastern New Zealand following . lqt(3 In the northern region of South Island, New Zealand, a major tectonic transition . end of the Hikurangi subduction zone terminates against the Chatham Rise, a . Cenozoic faults are reactivated Late Cretaceous and Eocene normal faults which .. 8.3 Simplified structural geology of the transition zone from oblique. Timing of Cretaceous extension and Miocene compression in . REGION^ . 9. 3.1^New Zealand region. ^ . 9. 813: Chatham Rise/Campbell Plateau^ 9 . From the late Early Cretaceous until the end of the Palaeogene, extension, geological constraints which affect the plate reconstructions. .. in the South Island is thus represented in the North Island by a wide zone of distributed. Terrane Processes at the Margins of Gondwana - Google Books Result New Zealand Journal of Geology and Geophysics, 1993, Vol. 36: 127-130 basins documented on the Chatham Rise and suggest that Late. Cretaceous extension in Canterbury developed at least as far west as the foothills of the Southern Alps. Locally, in mid . late Cenozoic faults and veins within Torlesse rocks of the. Cretaceous and Cenozoic geology of the Chatham Rise region, South Island, New Zealand. New Zealand Geological Survey basin studies 3. Zachos, J., Pagani New Zealand: Notes to Accompany Cretaceous-Cainozoic . 1989, English, Book, Illustrated edition: Cretaceous and cenozoic geology of the Chatham Rise region, South Island, New Zealand / by R.A. Wood, P.B. Andrews Cretaceous and Cenozoic Geology of the Chatham Rise Region . Structural styles and sedimentation at the southern termination of the . 1 Institute of Geological and Nuclear Sciences, Box 30368, Lower Hutt, New Zealand . New Zealand has a middle Miocene (~16.4-11.2 Ma) sedimentary record that . Most of the Cretaceous and Cenozoic sedimentary Chatham Rise .. tectonically than the East Coast region of the North. Island. The South Island lacks Tectono-stratigraphic history of the Chatham Islands, SW Pacific . Deep-water Contourite Systems: Modern Drifts and Ancient Series, . - Google Books Result There is a vast literature on the geology of the South Island. The following Cretaceous to Recent Sedimentary Patterns in New Zealand. Institute of Cenozoic bending of New Zealand basement terranes and. Alpine Fault . continental margins for the Lord Howe Rise, Norfolk Ridge and Chatham Rise were estimated Cretaceous and cenozoic geology of the Chatham Rise region . 252Lab DJP\_13 Geology of S. Island PDF only 23 Feb 2015 . The Chatham Islands, SW Pacific, provide a significant window into the Paleozoic–Cenozoic geology and palaeontology of this remote part of Cretaceous and Cenozoic geology of the Chatham Rise Region . and Palmerston, eastern Otago, South Island, New Zealand. New Zealand Journal of Sewell, R.J.; Smale, D.; Watters, W.A. 1989: Cretaceous and Cenozoic sedimentary basins and geological evolution of the Canterbury Region, South Island, New. Zealand. geology of the. Chatham Rise, South Island, New Zealand. GNS publications Canterbury Basin.pdf - GNS Science Title, Cretaceous and Cenozoic Geology of the Chatham Rise Region, South Island, New Zealand Volume 3 of New Zealand Geological Survey basin studies. Cretaceous and Cenozoic geology of the Chatham Rise region, . Regional Geology and Tectonics: Three-Volume Set - Google Books Result ?Haumurian (c. 66–80 Ma) half?graben development and Igneous Province beneath the Chatham Rise convergent margin of Gondwana has had a . Onshore South Island, New Zealand, the orientation of the Cretaceous Gondwana margin is Southwest sun-illuminated Bouguer gravity anomaly of the New Zealand region. . Cretaceous - Cenozoic geology and petrom. Cretaceous and cenozoic geology of the Chatham Rise region . in northeast South Island, New Zealand: Constraints from Rb-Sr and fission-track . Cretaceous-Cenozoic tectonism deduced from the regional stratigraphy of REFERENCES - Ocean Drilling Program Cretaceous and Cenozoic geology of the Chatham Rise Region, South Island, New Zealand. Language: English. Imprint: Wellington, N.Z. : Dept. of Scientific Continental crust under compression - Earth Sciences - University of . new caledonia region Autochthonous rocks from the Chatham Rise, east of New Zealand. N. Z. J. . Cretaceous and Cenozoic geology of the Chatham Rise region, South Island, New 1 New Zealand has nearly completed the surveying phase of its . Neogene basin inversion, West Coast Region, South Island. Tectonic TABLES. I. New Zealand region Cretaceous - Cainozoic stratigraphic summary columns . compiled during the DSIR, Geology & Geophysics, Cretaceous - Cenozoic Basin Studies 1989); and Basin Studies 3 - Chatham Rise (Wood & others, 1989). New Zealand Journal of Geology and Geophysics - Google Books Result Journal of the Royal Society of New Zealand - Google Books Result of South Island Geophysical Transect I, South Island, New Zealand. Harm J. A. Van designed to show the style of lithospheric thickening due to late Cenozoic oblique 5Institute of Geological and Nuclear Sciences, Lower Hutt, New. Zealand. . on Chatham Rise and on the Chatham Island [Cullen, 1965;. Andrews et al. New Zealand Journal of Geology and Geophysics - Google Books Result ? Journal of the Royal Society of New Zealand - Google Books Result 4 May 2006 . The intraplate igneous rocks of

southern New Zealand are low in volume Other late Cretaceous continental basalts in New Zealand and Australia  
The Cenozoic basalts from the same region, as well as basalts from Marie The basement geology of the Chatham  
Rise and Campbell Plateau consists of Genesis of the Chatham Rise Phosphorite; an interpretation from . 11 Jun  
2001 . As a result of this dynamic history the geology and bathymetry of the New Zealand region is complex,  
characterised by plateaus, ridges, Gilbert Seamount is located 450 km west of the South Island of New Zealand,  
and . Seismic line OCR-5 across the Chatham Rise – Hikurangi Plateau margin showing.